

Table S5. Relative abundance of bacterial taxa based on 16S *rRNA* gene sequencing in vaginal samples obtained from postmenopausal women with hormone replacement therapy (POST+HT).

Taxon name	Subject														
	1018	1040	1041	1042	1043	1044	1045	1046	1047	1051	1052	1054	1055	1056	1057
<i>Aerococcus</i>	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Atopobium</i>	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Bifidobacterium</i>	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78
<i>Finegoldia</i>	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Gardnerella</i>	1.00	0.64	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Lactobacillus</i>	0.00	0.02	0.02	0.04	0.03	0.04	0.04	0.00	0.06	0.04	0.04	0.04	0.09	0.04	0.00
<i>Lactobacillus crispatus</i>	0.00	0.00	0.00	0.85	0.00	0.95	0.91	0.00	0.73	0.94	0.95	0.93	0.00	0.94	0.00
<i>Lactobacillus gasseri</i>	0.00	0.00	0.00	0.00	0.50	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Lactobacillus iners</i>	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.71	0.00	0.00
<i>Lactobacillus jensenii</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00
<i>Lactobacillus vaginalis</i>	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Prevotella</i>	0.00	0.00	0.00	0.02	0.04	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00
<i>Staphylococcus</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
Other	0.00	0.03	0.03	0.07	0.09	0.01	0.03	0.04	0.03	0.02	0.01	0.02	0.02	0.01	0.03
TOTAL READS	73275	30320	54477	53657	42931	71710	41645	45863	39486	61873	71892	105331	71339	38923	40153

Table includes taxa present with at least 1% abundance in two or more samples or with at least 5% abundance in one sample.
Taxa identified in the samples at low levels (< 1% abundance) are aggregated into category: "Other"